

Application No. 10/663,502
Amendment dated October 5, 2004
Reply to Office Action of September 28, 2004

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Original) A crack sealing apparatus comprising:
a frame;
an emulsion container supported on said frame, said emulsion container having a
selectively openable sealant outlet;
wheels supporting said frame;
a handle extending from said frame; and
a lever operable to control said selectively openable sealant outlet.
2. (Original) The crack sealing apparatus of claim 1, said apparatus further
comprising a fill hopper presenting a selectively openable fill outlet.
3. (Original) The crack sealing apparatus of claim 1, said selectively
openable sealant outlet comprising a nozzle.
4. (Original) The crack sealing apparatus of claim 1, said lever being located
on said handle and being operatively connected to a cable for opening and closing said
selectively openable sealant outlet.
5. (Original) The apparatus of claim 1, further comprising a motor.

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6. (Withdrawn) A roadway crack sealing apparatus for use by an operator comprising:

a crack sealing assembly including an emulsion hopper;
an emulsion outlet in fluid communication with said emulsion hopper; and
a video camera positioned to permit the operator to visually locate and follow an elongated roadway crack during forward movement of the apparatus.

7. (Withdrawn) The crack sealing apparatus of claim 6, further comprising a fill hopper presenting a selectively openable fill outlet.

8. (Withdrawn) The crack sealing apparatus of claim 7, at least one of said fill hopper and said emulsion hopper being positioned to permit the operator to view the crack sealing assembly during forward movement of the apparatus.

9. (Withdrawn) The crack sealing apparatus of claim 8, said fill hopper and emulsion hopper each presenting spaced side margins and an elongated sighting passageway between said side margins, said passageway permitting the operator to observe said emulsion outlet during forward movement of said apparatus.

10. (Withdrawn) The crack sealing apparatus of claim 6, said emulsion hopper having a lateral side margin, said emulsion outlet located adjacent said side margin and in view of the operator.

11. (Withdrawn) The crack sealing apparatus of claim 6, further comprising a receiver for receiving signals from the operator when the operator is remote from the apparatus.

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12. (Withdrawn) The crack sealing apparatus of claim 6, further comprising a nozzle heater.

13. (Withdrawn) A roadway crack sealing apparatus comprising:
a remotely-controlled mobile vehicle having a remote receiver; and
a crack sealing assembly, said sealing assembly including a sealant hopper and a selectively openable sealant outlet coupled with said sealant hopper, said selectively openable sealant outlet being positioned for view by the operator of said apparatus.

14. (Withdrawn) The apparatus of claim 13, further comprising a fill hopper and a selectively openable fill outlet.

15. (Withdrawn) The apparatus of claim 13, further comprising a remote control transmitter.

16. (Withdrawn) The apparatus of claim 13, further comprising a video camera having an output viewable by the operator of the apparatus.

17. (Withdrawn) The apparatus of claim 13, further comprising an engine.

18. (Withdrawn) The apparatus of claim 13, further comprising a heater for said sealant.

19. (Withdrawn) The apparatus of claim 18, said heater providing heat adjacent said sealant outlet.

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20. (New) The crack sealing apparatus of claim 1, further comprising a video camera positioned to permit an operator of the apparatus to visually locate and follow an elongated roadway crack during forward movement of the apparatus.

21. (New) The crack sealing apparatus of claim 2, at least one of said fill hopper and said emulsion container being positioned to permit an operator of the apparatus to view said sealant outlet and said fill outlet during forward movement of the apparatus.

22. (New) The crack sealing apparatus of claim 21, said fill hopper and said emulsion container each presenting spaced side margins and an elongated sighting passageway between said side margins, said passageway permitting an operator of the apparatus to observe said sealant outlet during forward movement of said apparatus.

23. (New) The crack sealing apparatus of claim 1, said emulsion container having a lateral side margin, said sealant outlet located adjacent said side margin and in view of an operator of the apparatus.

24. (New) The crack sealing apparatus of claim 1, further comprising a receiver for receiving signals from an operator of the apparatus when the operator is remote from the apparatus.

25. (New) The crack sealing apparatus of claim 3, further comprising a heater for said nozzle.

26. (New) The crack sealing apparatus of claim 24, further comprising a remote control transmitter.

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27. (New) The crack sealing apparatus of claim 1, further comprising a video camera having an output viewable by the operator of the apparatus.